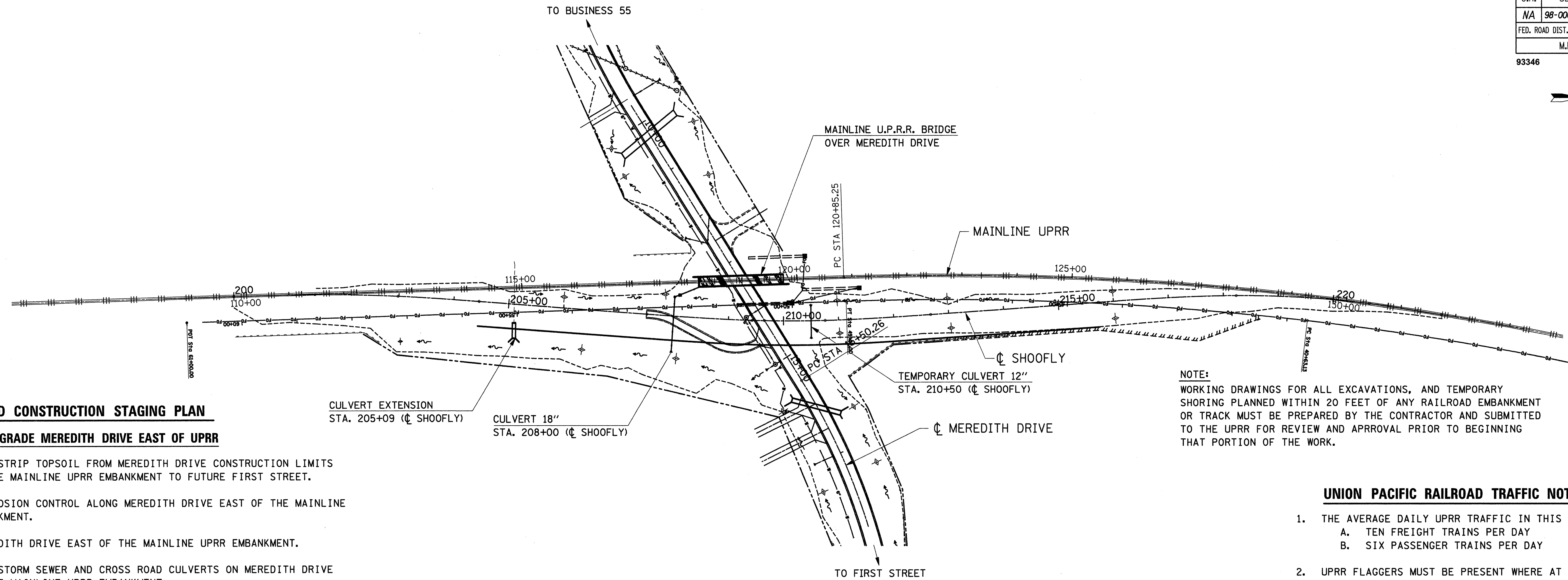
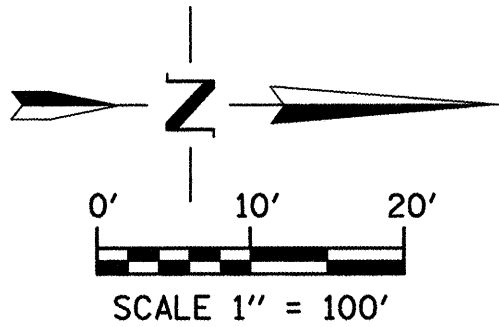


C.H.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
NA	98-00009-00-BR	SANGAMON	107	16
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
M.P. 179 SPRINGFIELD SUBDIVISION				

93346



SUGGESTED CONSTRUCTION STAGING PLAN

STAGE 1 – GRADE MEREDITH DRIVE EAST OF UPRR

- CLEAR AND STRIP TOPSOIL FROM MEREDITH DRIVE CONSTRUCTION LIMITS EAST OF THE MAINLINE UPRR EMBANKMENT TO FUTURE FIRST STREET.
- INSTALL EROSION CONTROL ALONG MEREDITH DRIVE EAST OF THE MAINLINE UPRR EMBANKMENT.
- GRADE MEREDITH DRIVE EAST OF THE MAINLINE UPRR EMBANKMENT.
- CONSTRUCT STORM SEWER AND CROSS ROAD CULVERTS ON MEREDITH DRIVE EAST OF THE MAINLINE UPRR EMBANKMENT.
- CREATE A CONSTRUCTION HAUL ROAD ON THE MEREDITH DRIVE ALIGNMENT FROM FIRST STREET TO SHOOFLY SITE.

STAGE 2 – CONSTRUCT TEMPORARY SHOOFLY

- INSTALL 18" PIPE CULVERT UNDER SHOOFLY AT STA. 208+00 & INSTALL TEMPORARY 12" PIPE CULVERT @ 210+50 (CL SHOOFLY)
- EXTEND EXISTING 5' H X 6' W CONCRETE BOX CULVERT AT STA 205+09 (CL SHOOFLY)
- CLEAR AND STRIP TOPSOIL FROM SHOOFLY CONSTRUCTION LIMITS.
- INSTALL EROSION CONTROL ALONG SHOOFLY CONSTRUCTION LIMITS.
- CONSTRUCT SHOOFLY EMBANKMENT AND DRAINAGE DITCHES.
- APPLY SEEDING TO SHOOFLY EMBANKMENT.
- CONSTRUCT RAILROAD ROADBED, BALLAST, AND TRACK ON THE SHOOFLY.
- TIE SHOOFLY INTO MAINLINE UPRR AND SWITCH UPRR TRAFFIC TO SHOOFLY.

STAGE 3 – GRADE MEREDITH DRIVE WEST OF UPRR

- CLEAR AND STRIP TOPSOIL FROM MEREDITH DRIVE CONSTRUCTION LIMITS WEST OF THE MAINLINE UPRR EMBANKMENT.
- INSTALL EROSION CONTROL ALONG MEREDITH DRIVE WEST OF THE MAINLINE UPRR EMBANKMENT.
- GRADE MEREDITH DRIVE WEST OF THE MAINLINE UPRR EMBANKMENT.
- CONSTRUCT STORM SEWER AND CROSS ROAD CULVERTS ON MEREDITH DRIVE WEST OF THE MAINLINE UPRR EMBANKMENT.
- CREATE A CONSTRUCTION HAUL ROAD ON THE MEREDITH DRIVE ALIGNMENT WEST OF THE MAINLINE UPRR EMBANKMENT.

SUGGESTED CONSTRUCTION STAGING PLAN (CONT'D.)

STAGE 4 – CONSTRUCT BRIDGE

- REMOVE TRACK AND RAILROAD ROADBED FROM STA. 117+50 TO STA. 120+50 (MAINLINE UPRR).
- EXCAVATE MAINLINE UPRR EMBANKMENT FOR BRIDGE CONSTRUCTION.
- INSTALL TEMPORARY SHEET PILING AT SOUTH ABUTMENT AND INSTALL DRILLED SHAFT FOUNDATIONS FOR ALL SUBSTRUCTURES.
- CONSTRUCT VAULTED ABUTMENTS.
- ERECT BEAMS, FORM AND POUR CONCRETE DECK, CONSTRUCT RAILINGS, AND INSTALL DECK WATERPROOFING.
- INSTALL BALLAST AND NEW TRACK FROM MAINLINE UPRR STA. 117+50 TO STA. 120+50. SWITCH TRAFFIC FROM SHOOFLY TO MAINLINE UPRR.

STAGE 5 – FINAL GRADING OF MEREDITH DRIVE, REMOVE SHOOFLY, PAVE

- REMOVE PORTIONS OF THE SHOOFLY EMBANKMENT AS SHOWN IN THE PLANS.
- PERFORM FINAL GRADING ON MEREDITH DRIVE.
- CONSTRUCT MEREDITH DRIVE PAVEMENT AND CURB AND GUTTER.
- CONSTRUCT INTERSECTION AT BUSINESS LOOP I-55 AND INSTALL TRAFFIC SIGNALS.
- APPLY FINAL SEEDING TO MEREDITH DRIVE AND UPRR EMBANKMENT.
- MAINTAIN EROSION CONTROL MEASURES UNTIL SEEDING IS ESTABLISHED.

BUSINESS LOOP I-55 TRAFFIC CONTROL

THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL APPLY FOR WORK ON BUSINESS LOOP I-55:

- 701101 - GUARDRAIL AND SHOULDER WORK
- 701106 - LANDSCAPING AND UTILITY WORK
- 701401 - STORM SEWER AND OTHER WORK
- 701406-02 - PAVING AND PATCHING WORK
- 701701-03 - TRAFFIC SIGNAL WORK AND MEDIAN WORK

GENERAL UPRR NOTES

- ALL EXCAVATIONS AND DRILLED SHAFTS ON UPRR RIGHT OF WAY SHALL BE PROTECTED WITH BARRIERS AND/OR FENCING AT ALL TIMES.
- UPRR PERSONNEL WILL PERFORM ALL TRACK WORK WITHIN 13 FEET OF MAINLINE TRACK.
- ALL UNDERGROUND UTILITIES WITHIN THE UPRR RIGHT OF WAY ARE DESIGNED FOR E80 RAILROAD LOADING AND UPRR REQUIREMENTS.
- ALL TEMPORARY SHORING SHALL BE DESIGNED TO COMPLY WITH UPRR REQUIREMENTS. SEE SPECIAL PROVISIONS.

NOTE:

WORKING DRAWINGS FOR ALL EXCAVATIONS, AND TEMPORARY SHORING PLANNED WITHIN 20 FEET OF ANY RAILROAD EMBANKMENT OR TRACK MUST BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE UPRR FOR REVIEW AND APPROVAL PRIOR TO BEGINNING THAT PORTION OF THE WORK.

UNION PACIFIC RAILROAD TRAFFIC NOTES

- THE AVERAGE DAILY UPRR TRAFFIC IN THIS AREA IS:
 - TEN FREIGHT TRAINS PER DAY
 - SIX PASSENGER TRAINS PER DAY
- UPRR FLAGGERS MUST BE PRESENT WHERE AT ANY TIME, ANY VEHICLES, EQUIPMENT, WORKERS, OR THEIR ACTIVITIES WILL ENCROACH IN THE AREA CLOSER THAN 25 FT. TO THE CENTERLINE OF ACTIVE TRACKS. CONTRACTOR WILL SHUT DOWN OR CLEAR EQUIPMENT WITHIN 25 FEET OF TRACK WHEN TRAINS ARE APPROACHING AS ADVISED BY UPRR FLAGGERS. RAILROAD FLAGGERS ARE FOR TRAIN MOVEMENTS ONLY. CONTRACTOR IS RESPONSIBLE FOR ALL EQUIPMENT MOVEMENTS ACROSS PUBLIC AND PRIVATE CROSSINGS. CONTRACTOR'S EQUIPMENT SHOULD BE EQUIPPED WITH RADIOS FOR BETTER COMMUNICATION WITH RAILROAD FLAGGERS.
- RAILROAD PROTECTIVE LIABILITY INSURANCE WILL BE REQUIRED FOR THIS PROJECT. SEE SPECIAL PROVISIONS.
- GENERAL CONTRACTOR AND SUBCONTRACTORS WILL ATTEND ALL SAFETY MEETINGS. RAILROAD WILL CONDUCT FRA REQUIRED "ON TRACK SAFETY PLAN", WHICH GENERAL CONTRACTOR, AND ALL SUBCONTRACTORS SHALL ATTEND PRIOR TO COMMENCEMENT OF CONSTRUCTION WITHIN RAILROAD RIGHT OF WAY.
- WEARING OF FLORESCENT ORANGE VESTS, SAFETY GLASSES, SAFETY SHOES, AND HARDHATS WILL BE REQUIRED WHEN WORKING WITHIN THE RAILROAD RIGHT OF WAY.

CONSTRUCTION STAGING PLAN MEREDITH DRIVE UNDER UNION PACIFIC RAILROAD SANGAMON COUNTY SEC. 98-00009-00-BR

ie
consultants
6420 South Sixth Street
Springfield, Illinois 62707
Tel. (217) 529-8027
Fax (217) 529-4543
ieSpringfield@ie-consultants.com
www.ie-consultants.com

DESIGNED BY: J.E.B.	DRAWN BY: A.A.D.	CHECKED BY: C.M.S.	DATE: 1/03/03
------------------------	---------------------	-----------------------	------------------